

## Cross Number Puzzles

### Ralph Padgett

*Westmoreland County Community College*

The first crossword puzzle was published in 1913, in *The New York World* (See [www.crosswordtournament.com/more/wynne.html](http://www.crosswordtournament.com/more/wynne.html)). Although it is not as easy to identify the origin of the cross *number* puzzle, there are many versions and variations now. This current offering uses some of the framework of its crossword cousin, but the arrangement, clues, and content are purely mathematical. The real challenge is making one yourself!

Editor's note: The first puzzle in this series was published in volume 9(2) of the [MathAMATYC Educator \(Summer 2018\)](#), including a sample warm-up problem.



**Ralph Padgett** is an assistant professor of mathematics at Westmoreland County CC in Youngwood, Pennsylvania. He is an alumnus of WCCC and has a BS and MEd in Secondary Mathematics Education from Indiana University of Pennsylvania. In addition to teaching, he enjoys the New York Times crossword puzzles and home improvement projects.